

# rpm measuring instrument

## testo 460 - Pocket-sized non-contact rpm measurement

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Optical rpm measurement with LED measurement spot marking

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Min./max. values

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Display illumination

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Protective cap for safe storage

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Incl. wrist strap and belt holder

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Illustration 1/1

The especially handy, pocket-sized rpm measuring instrument testo 460 optically measures rpm, e.g. on ventilators and shafts. The ideal distance to the measurement object is between 10 and 40 cm. Simply attach a reflective marker (optional) to the measurement object, point the visible measurement spot at the reflective marker, and measure. Min./max. values are directly displayed at the press of a button.

The Hold-button allows particularly convenient reading of the measurement values. The illuminated display enables easy read-out of the measurement values even in bad lighting. testo 460 is very small, handy and easy to operate. The clip-on protective cap, wrist strap and a belt holder provide safe storage, ensuring an especially long working life.

## Technical data / Accessories

### testo 460

testo 460 measuring instrument for rpm incl. protection cap, batteries and calibration protocol

Part no. 0560 0460



#### Sensor type **optical**

Meas. range	100 to 29999 rpm
Accuracy ±1 digit	±(0.02 % of mv)
Resolution	0.1 rpm (100 to 999.9 rpm) 1 rpm (1000 to 29.999 rpm)

#### General technical data

Selectable units	rpm, rps
Measuring rate	0.5 s
Storage temp.	-40 to +70 °C
Oper. temp.	0 to +50 °C
Battery type	2 batteries Type AAA
Battery life	20 h (average, without display illumination)
Weight	85 g (incl. battery and protective cap)
Dimensions	119 x 46 x 25 mm (incl. protective cap)
Protection class	IP40
Warranty	1 year

### Accessories

### Part no.

#### Accessories for measuring instrument

Reflectors, self-adhesive (1 pack = 5 off, each 150 mm long)	0554 0493	
ISO calibration certificate/rpm, Calibration points freely selectable from 10 to 99500 rpm	0520 0114	

We measure it.



## rpm measuring instrument

testo 465 - Non-contact rpm measurement

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Easy one-hand operation

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Storage of mean/min./max. values as well as last measurement value

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Measurement distance up to 600 mm

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Robust design thanks to SoftCase (protective cover)

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With the testo 465, you can measure rpm easily without contact using only one hand. The measuring instrument is thus suitable for measurements on rotating parts such as ventilators and shafts. Simply attach a reflective marker (optional) to the measurement object, point the visible red beam of light at the reflective marker, and measure. The

distance to the measurement object is up to 600 mm. The measuring instrument stores mean, min. and max. values as well as the last measurement value. The SoftCase included in delivery protects the instrument from impact, ensuring an especially long working life.

## Technical data / Accessories

### testo 465

testo 465 RPM measuring instrument with transport case incl. reflectors and batteries



Part no. 0563 0465

#### Sensor type

Optically with mod. light beam

Meas. range	+1 to +99999 rpm	
Accuracy ±1 digit	±0.02% of mv	
Resolution	0.01 rpm (+1 to +99.99 rpm) 0.1 rpm (+100 to +999.9 rpm)	1 rpm (+1000 to +99999 rpm)

#### General technical data

Oper. temp.	0 to +50 °C
Storage temp.	-20 to +70 °C
Battery type	2 AA batteries or rech. battery
Display	5-figure LCD display, 1-line
Weight	145 g
Warranty	1 year
Dimensions	144 x 58 x 20 mm
Battery life	40 h

### Accessories

### Part no.

#### Accessories for measuring instrument

Reflectors, self-adhesive (1 pack = 5 off, each 150 mm long)	0554 0493	
ISO calibration certificate/rpm optical and mechanical rpm measuring instruments; cal. points 500; 1000; 3000 rpm	0520 0012	
ISO calibration certificate/rpm optical rpm measuring instruments; calibration points 10; 100; 1000; 10000; 99500 rpm	0520 0022	
ISO calibration certificate/rpm Calibration points freely selectable from 10 to 99500 rpm	0520 0114	
DAkkS calibration certificate/rpm Optical rpm probes, 3 points in instrument measurement range (1 to 99,999 rpm)	0520 0422	